

# VIRALERT 3

SAFE | EASY | ACCURATE



HUMAN BODY  
TEMPERATURE  
SCREENING SYSTEM



**LAND**  
**AMETEK®**

[LANDVIRALERT.COM](http://LANDVIRALERT.COM)

# SAFE, ACCURATE TEMPERATURE SCREENING YOU CAN TRUST

## VIRALERT 3 INTEGRATED SCREENING SYSTEM

### ACCURATE

- Fixed calibration source ensures reliability
- Supported by 70+ years of industry expertise
- Automatic face detection for best monitoring points

### SAFE

- Non-contact temperature monitoring camera
- Immediately detects elevated skin temperature
- Scans in compliance with social distance requirements



### EASY

- Intuitive user control
- Audible alarm and on screen notification
- Automated operation option



# DESIGNED TO KEEP PEOPLE SAFE WHEREVER THEY ARE



HEALTHCARE



COMMERCIAL



OFFICES AND MANUFACTURING



PUBLIC AND EDUCATION



TRANSPORTATION



SPORTS AND LEISURE

Protect people from potential coronavirus carriers and those with other infectious diseases – the VIRALERT 3 screens visitors at entry for elevated temperatures that could indicate fever.

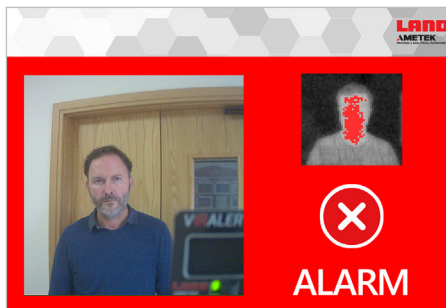
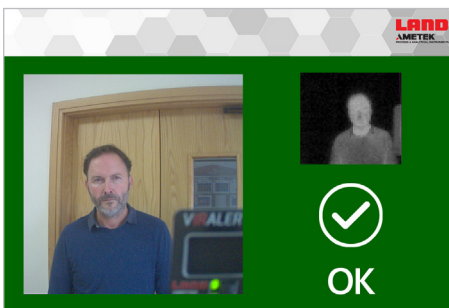
Unlike handheld thermometers which compromise social distancing the VIRALERT 3 automatic screening system scans

from a distance that complies with social distancing. Visual and audible alerts provide the warning you need to keep everyone safe.

Developed over ten years by AMETEK Land's world-leading temperature monitoring experts, the VIRALERT 3 is a real-time scanning solution that's safe, accurate, and easy to use.

**National Pharmaceutical Wholesaler:** "Colleagues are really appreciative that it's been installed"

**UK Medical Centre:** "We love the camera and the impact it's having on everyone... staff and patients"



- SAFE SCREENING** – INSTANT, NON-INTRUSIVE INFRARED THERMAL IMAGING FROM A DISTANCE
- FAST RESPONSE** – MONITOR VISITORS WITHOUT SLOWING THE FLOW OF PEOPLE
- SIMPLE TO USE** – WORKS STRAIGHT OUT OF THE BOX
- HIGHLY ACCURATE** – DEVELOPED BY WORLD-LEADING TEMPERATURE MONITORING EXPERTS

## SPECIFICATIONS

### ACCURACY

$\pm 0.5^{\circ}\text{C}$  ( $\pm 0.9^{\circ}\text{F}$ ) at a distance of 1 m.

### SOFTWARE

Continuous live thermal and visual image with automatic face detection. Abnormal high temperatures displayed in red, with on-screen and audio alarms. Calculates core temperature from measured skin temperature.

### IMAGER

Connects to a local PC for display and power needs. Operates between  $10$  to  $50^{\circ}\text{C}$  ( $50$  to  $122^{\circ}\text{F}$ ).

### IMAGER VISUAL

CMOS colour sensor 1.2 MP (1280 x 960) resolution at 12 fps.

### IMAGER THERMAL

With a measurement range between  $30$  to  $45^{\circ}\text{C}$  ( $86$  to  $113^{\circ}\text{F}$ ), the imager has a  $39 \times 31^{\circ}$  field of view, frame rate of  $<9\text{Hz}$ , and temperature resolution of  $<0.12^{\circ}\text{C}$  ( $<0.22^{\circ}\text{F}$ ).

### BLACKBODY REFERENCE SOURCE

Powered by 5V DC (USB) from a universal power adaptor, the fixed temperature reference source is at  $38^{\circ}\text{C}$  ( $100.4^{\circ}\text{F}$ ) for a combined accuracy/stability of  $\pm 0.2^{\circ}\text{C}$  ( $\pm 0.3^{\circ}\text{F}$ ).

**Disclaimer:** Human skin temperature is affected by a wide number of environmental and physiological factors. Elevated facial skin temperature may signify a raised body core temperature; correspondingly, an elevated core temperature may not be accompanied by a raised facial skin temperature. VIRALERT systems are accurate scientific systems that must be operated strictly in accordance with the manufacturer's operating manual. VIRALERT systems are not intended, nor designed, to diagnose or detect medical conditions including, but not limited to, viruses or other illnesses. AMETEK Land thermal imaging products should only be used to detect variations of surface temperature. If elevated skin temperature is detected, the finding should be confirmed by other means, for example, an approved medical thermometer. The absence of an elevated skin temperature does not exclude a fever. Images shown in this document are for illustrative purposes only.

